

AUTHOR INDEX VOLUME 5 (1986)

(The issue number is given in front of the page numbers)

- Aboudi, J.**, Overall finite deformation of elastic and elastoplastic composites (1) 73-86
- Accorsi, M.L. and S. Nemat-Nasser**, Bounds on the overall elastic and instantaneous elastoplastic moduli of periodic composites (3) 209-220
- Accorsi, M.**, *see* S. Nemat-Nasser (4) 317-329
- Beltzer, A.I. and N. Brauner**, The causal effective field approximation—application of elastic waves in fibrous composites (2) 161-170
- Bernabe, Y.**, Pore volume and transport properties changes during pressure cycling of several crystalline rocks (3) 235-249
- Besos, D.E.**, *see* I. Vardoulakis (1) 87-108
- Brauner, N.**, *see* A.I. Beltzer (2) 161-170
- Choi, B.I. and Y.Y. Earmme**, Interactions of spherical precipitates in an anisotropic matrix (2) 121-136
- Cowin, S.C.**, Fabric dependence of an anisotropic strength criterion (3) 251-260
- Duva, J.M.**, A constitutive description of nonlinear materials containing voids (2) 137-144
- Earmme, Y.Y.**, *see* B.I. Choi (2) 121-136
- Earmme, Y.Y.**, *see* J.H. Park (3) 261-276
- Glockner, P.G.**, *see* W. Szyszkowski (1) 49-71
- Hageman, L.J., H. Murakami and G.A. Hegemier**, On simulating steel-concrete interaction in reinforced concrete. Part II: Validation studies (2) 187-197
- Hegemier, G.A.**, *see* L.J. Hageman, (2) 187-197
- Hegemier, G.A.**, *see* H. Murakami (2) 171-185
- Hoysan, S.F.**, *see* P.S. Steif (4) 375-382
- Iwakuma, T.**, *see* S. Nemat-Nasser (4) 317-329
- Kachanov, L.M.**, On creep stresses in a bridgman notched bar (3) 229-234
- Krempf, E., J.J. McMahon and D. Yao**, Viscoplasticity based on overstress with a differential growth law for the equilibrium stress (1) 35-48
- Lance, G.L.**, and S. Nemat-Nasser, Slip-induced plastic flow of geomaterials and crystals (1) 1-11
- LeMonds J. and A. Needleman**, Finite element analyses of shear localization in rate and temperature dependent solids (4) 339-361
- LeMonds, J. and A. Needleman**, An analysis of shear band development incorporating heat conduction (4) 363-373
- Lubliner, J.**, Normality rules in large-deformation plasticity (1) 29-34
- McMahon, J.J.**, *see* E. Krempf (1) 35-48
- Mehrabadi, M.M. and S. Nemat-Nasser**, Stress, dilatancy and fabric in granular materials: errata and addendum (4) 395-396
- Mühlhaus, H.-B. and I. Vardoulakis**, Axially-symmetric buckling of the surface of a laminated half space with bending stiffness (2) 109-120
- Murakami, H. and G.A. Hegemier**, On simulating steel-concrete interaction in reinforced concrete. Part I: Theoretical development (2) 171-185
- Murakami, H.**, *see* L.J. Hageman (2) 187-197
- Needleman, A.**, *see* J. LeMonds (4) 339-361
- Needleman, A.**, *see* J. LeMonds (4) 363-373
- Nemat-Nasser, S., T. Iwakuma and M. Accorsi**, Cavity growth and grain boundary sliding in polycrystalline solids (4) 317-329
- Nemat-Nasser, S.**, *see* M.L. Accorsi (3) 209-220
- Nemat-Nasser, S.**, *see* G.L. Lance (1) 1-11
- Nemat-Nasser, S.**, *see* M. Mehrabadi (4) 395-396
- Pan, Jwo and C.F. Shih**, Plane-strain crack-tip fields for power-law hardening orthotropic materials (4) 299-316
- Park, J.H. and Y.Y. Earmme**, Application of conservation integrals to interfacial crack problems (3) 261-276
- Parks, D.M.**, *see* G.J. Rodin (3) 221-228
- Read, H.E.**, *see* K.C. Valanis (3) 277-295
- Rodin, G.J. and D.M. Parks**, Constitutive models of a power-law matrix containing aligned penny-shaped cracks (3) 221-228
- Rubinstein, A.A.**, Dislocational pile-up-grain boundary interaction at elevated temperature (2) 145-160
- Rudnicki, J.W.**, Fluid mass sources and point forces in linear elastic diffusive solids (4) 383-393

- Saka, M. and S. Tanaka**, Strain and stress fields near the blunted tip of a crack under mixed mode loading and the implications for fracture (4) 331-338
- Scott, R.F.**, Soil properties from centrifuge liquefaction tests (2) 199-205
- Shih, C.F.**, *see* **J. Pan** (4) 299-316
- Steif, P.S. and S.F. Hoysan**, On load transfer between imperfectly bonded constituents (4) 375-382
- Szyszkowski, W. and P.G. Glockner**, On a multi-axial constitutive law for ice (1) 49- 71
- Tanaka, S.**, *see* **M. Saka** (4) 331-338
- Valanis, K.C. and H.E. Read**, An endochronic plasticity theory for concrete (3) 277-295
- Vardoulakis, I. and D.E. Beskos**, Dynamic behavior of nearly saturated porous media (1) 87-108
- Vardoulakis, I.**, *see* **H.-B. Mühlhaus** (2) 109-120
- Weertman, J.**, Plastic deformation behind strong shock waves (1) 13- 28
- Yao, T.**, *see* **E. Krempl** (1) 35- 48